

E72-10094
CR-128143

Type I Progress Report
ERTS-A

a. Title: Investigation of ERTS-A Images for Application to Thematic Mapping

ERTS-A Proposal No.: SR 116

b. GSFC ID No. of P.I.: IN 385

c. Statement and explanation of any problems that are impeding the progress of the investigation:

The proposed theme extraction experiment is based on availability of RBV images generated to NASA geometric and radiometric specifications. Thus far no such data has been received.

d. Discussion of the accomplishments during the reporting period and those planned for the next reporting period:

The EROS Autographic Theme Extraction System hardware is now assembled at McLean, Va., and is undergoing final software testing. One sample aircraft image was processed to extract open water in a simulation mode as a means of checking system photochemistry.

e. Discussion of significant scientific results and their relationship to practical applications or operational problems including estimates of the cost benefits of any significant results (To be prepared in scientific abstract form of 200 words or less):

First live results expected during the next reporting period.

f. A listing of published articles, and/or papers, pre-prints, in-house reports, abstracts of talks, that were released during the reporting period:

1. Briefing-Federal Mapping Task Force, OMB, Reston, Va.
2. Briefing-EROS Data Center, Sioux Falls, S.D.

g. Recommendations concerning practical changes in operations, additional investigative effort, correlation of effort and/or results as related to a maximum utilization of the ERTS system:

None

h. A listing by date of any changes in Standing Order Forms:

Not Applicable (N/A)

N72-32347

(E72-10094) INVESTIGATION OF ERTS-1 IMAGES
FOR APPLICATION TO THEMATIC MAPPING
Progress Report, 1 Jul. - 31 Aug. 1972
D.T. Edson (Geological Survey) 1 Sep. 1972
CSCL 08B G3/13 00094
3 p

i. ERTS Image Descriptor forms:

N/A

j. Listing by date of any charged Data Request forms submitted to Goddard Space Flight Center/NDPF during the reporting period:

None

k. Status of Data Collection Platforms (if applicable):

N/A



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INVESTIGATION OF ERTS-A IMAGES FOR APPLICATION TO THEMATIC MAPPING

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1 September 1972

Type I Progress Report for Period 1 July 1972 - 31 August 1972

Prepared for:

Goddard Space Flight Center
Greenbelt, Maryland 20771

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